

Environmental
Restoration
Contractor

ERC Team

Interoffice Memorandum

024488

0051998

Job No. 22192

Written Response Required? No

Closes CCN: N/A

OU: 200-ZP-1

TSD: N/A

ERA: N/A

Subject Code: 8630

TO: J. R. Freeman-Pollard, H9-12

DATE: December 13, 1995

COPIES: See Below

FROM: Duane Jacques
Analytical Services/Field Services
H9-10/372-9400

45088

SUBJECT: 200-ZP-1 GROUNDWATER VERTICAL PROFILE SAMPLING RESULTS, REV 0

REFERENCES:

1. BHI, 1995a, *Field Screening (On-Site Measurements) Quality Assurance Plan*, BHI-EE-08, Bechtel Hanford, Inc., Richland, Washington.
2. BHI, 1995b, *Field Screening Procedures*, BHI-EE-05, Bechtel Hanford, Inc., Richland, Washington.
3. BHI, 1995, *200-ZP-1 Field Screening Support Logbook*, EL-1273, Bechtel Hanford, Inc., Richland, Washington.

This data package contains field screening results for groundwater samples analyzed to support the 200-ZP-1 Groundwater Vertical Profile Sampling project. The Quality Assurance level for this work corresponds to QA-2 as specified in the reference 1 (BHI 1995a). The samples were managed under SAF B96-043.

Attachment 1 contains Volatile Organic Compound (VOC) results for groundwater samples collected to support the referenced project. The VOC results were generated using a Photovac 10S Plus portable gas chromatograph in accordance with Field Screening Procedure (FSP) 1.1, *Aqueous Headspace Analysis of Volatile Organic Compounds in Water* (BHI 1995b). Information concerning operation of the gas chromatograph is contained in the instrument logbooks EL-1264 and EL-1269. Information concerning preparation of VOC calibration standards and samples is contained in the referenced field logbook EL-1273, pages 8 through 11.

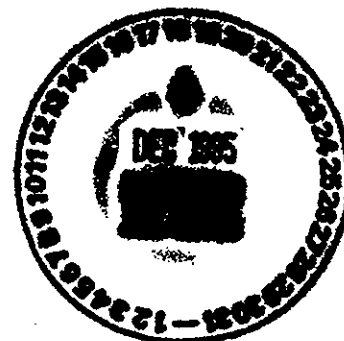
Please contact me if you have any questions on this information.

Duane Jacques

Duane Jacques, Scientist

QA Review by:

Paul E. Duerksen



J. R. Freeman-Pollard, H9-12

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IDJ:idj

Attachments:

Attachment 1. 200-ZP-1 Groundwater Vertical Profile Sampling Results

Attachment 2. Sample Chain of Custody Sheets

Copies:

Analytical Services Project Files, X2-10, w/a

A. Hopkins, H9-11, w/attachment 1 only

J. A. Lerch, B1-35, w/a

D. A. Myers, H9-11, w/attachment 1 only

W. S. Thompson, N1-28, w/attachment 1 only

IDJ - File, w/attachment 1 only

BHI Document Control, H4-79, w/a

200-ZP-1 Groundwater Vertical Profile Sampling

Groundwater Sample Results, December 1995

SAF B96-043

Sample Location	Sample Depth (ft BTOC)	HEIS Number	Sample Date	Analysis Date	Chloroform (µg/L)	Carbon Tetrachloride (µg/L)	TCE (µg/L)
299-W15-10	223	BOGYR3	11/21/95	11/28/95	<5.0	1270	<5.0
299-W15-10	255	BOGYR4	11/21/95	11/28/95	<5.0	1340	<5.0
299-W15-10	286	BOGYR5	11/21/95	11/28/95	<5.0	1410	<5.0
299-W15-11	231	BOGYR6	11/24/95	11/28/95	<5.0	1050	<5.0
299-W15-11	257	BOGYR8	11/24/95	11/28/95	<5.0	1180	<5.0
299-W15-11	288	BOGYR7	11/24/95	11/28/95	<5.0	1260	<5.0
299-W15-1	223	BOGYS2	11/25/95	11/28/95	<2.0	490	<2.0
299-W15-1	244	BOGYS3	11/25/95	11/28/95	<2.0	510	<2.0
299-W15-1	268	BOGYS4	11/25/95	11/28/95	<2.0	530	<2.0
299-W15-32	212	BOGYR9	12/1/95	12/5/95	<5.0	1990	<5.0
299-W15-32	230	BOGYS0	12/1/95	12/5/95	<5.0	2100	<5.0

VOA Instrument: Photovac 10S Plus GC, Serial # BJDG203

Method: 5 mL/min HP Air, 11.7 eV lamp, 250 µL injection

Logbook: Photovac Instrument Logs, EL-1264, pg 50 and EL-1269, pg 2

Analyst:

I. D. Jacques 12-14-95

I. D. Jacques

Date/Time

Bechtel Hanford, Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

Page 1 of 1

Data Turnaround

☐ Priority☒ Normal

Collector <i>A. Rizzo</i>	Company Contact J. R. Freeman-Pollard	Telephone (509) 372-9347
Project Designation 200-ZP-1 Groundwater Vertical Profile Sampling	Sampling Location 200 West	SAF No. B96-043
Ice Chest No.	Field Logbook No. <i>EFL 1123</i>	Method of Shipment Hand Delivered
Shipped To Duane Jacques	Offsite Property No. NA	Bill of Lading/Air Bill No. NA
Possible Sample Hazards/Remarks	Preservation	HCl
	Type of Container	aGs
	No. of Container(s)	1
Special Handling and/or Storage Maintain samples between 2°C and 6°C.	Volume	40mL

SAMPLE ANALYSIS

Sample No.	Matrix*	Date Sampled	Time Sampled																	
BO GYR 4	W	<i>11/21/95</i>	<i>1430</i>	<i>X</i>																
			<i>5 1430 11/21/95</i>																	

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS *1 VOA - (to include) - Carbon Tetrachloride, TCE, Chloroform Hold samples at 4701-C. Then deliver samples to Duane Jacques before the 14 day holding time.	Matrix* S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other
Relinquished By <i>AGR</i>	Date/Time <i>11/21/95 0800</i>	Received By <i>ERC</i>	Date/Time <i>0800</i>
Relinquished By <i>AGR</i>	Date/Time <i>11/27/95 0800</i>	Received By <i>ERC</i>	Date/Time <i>11/27/95 0800</i>
Relinquished By <i>AGR</i>	Date/Time <i>11/28/95 0940</i>	Received By <i>ERC</i>	Date/Time <i>11/28/95</i>

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Bechtel Hanford, Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

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Data Turnaround

☐ Priority
☒ Normal

Collector <i>A. Rizzo / K. TRAPP</i>	Company Contact J. R. Freeman-Pollard	Telephone (509) 372-9347
Project Designation 200-ZP-1 Groundwater Vertical Profile Sampling	Sampling Location 200 West	SAF No. B96-043
Ice Chest No.	Field Logbook No. <i>EFL-1023</i>	Method of Shipment Hand Delivered
Shipped To Duane Jacques	Offsite Property No. NA	Bill of Lading/Air Bill No. NA

Possible Sample Hazards/Remarks	Preservation	HCl																		
	Type of Container	aGs																		
	No. of Container(s)	1																		
	Volume	40mL																		
Special Handling and/or Storage Maintain samples between 2°C and 6°C.																				
SAMPLE ANALYSIS			*1																	

Sample No.	Matrix*	Date Sampled	Time Sampled																	
B06425	W	11-22-95	1622	X																

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS	Matrix*
Relinquished By <i>AGL</i> Date/Time <i>0800</i>	Received By <i>ERC</i> Date/Time <i>0800</i>	*1 VOA - (to include) - Carbon Tetrachloride, TCE, Chloroform	S = Soil
Relinquished By <i>AGL</i> Date/Time <i>11-27-95</i>	Received By <i>B. Whitton</i> Date/Time <i>11-27-95</i>	Hold samples at 4701-C. Then deliver samples to Duane Jacques before the 14 day holding time.	SE = Sediment
Relinquished By <i>AGL</i> Date/Time <i>11-28-95</i>	Received By <i>AGL</i> Date/Time <i>11-28-95</i>		SO = Solid
Relinquished By <i>AGL</i> Date/Time <i>11-28-95</i>	Received By <i>D. Jacques</i> Date/Time <i>0940</i>		SL = Sludge
Relinquished By <i>AGL</i> Date/Time <i>11-28-95</i>	Received By <i>D. Jacques</i> Date/Time <i>11-28-95</i>		W = Water
Relinquished By <i>AGL</i> Date/Time <i>11-28-95</i>	Received By <i>D. Jacques</i> Date/Time <i>11-28-95</i>		O = Oil
Relinquished By <i>AGL</i> Date/Time <i>11-28-95</i>	Received By <i>D. Jacques</i> Date/Time <i>11-28-95</i>		A = Air
Relinquished By <i>AGL</i> Date/Time <i>11-28-95</i>	Received By <i>D. Jacques</i> Date/Time <i>11-28-95</i>		DS = Drum Solids
Relinquished By <i>AGL</i> Date/Time <i>11-28-95</i>	Received By <i>D. Jacques</i> Date/Time <i>11-28-95</i>		DL = Drum Liquids
Relinquished By <i>AGL</i> Date/Time <i>11-28-95</i>	Received By <i>D. Jacques</i> Date/Time <i>11-28-95</i>		T = Tissue
Relinquished By <i>AGL</i> Date/Time <i>11-28-95</i>	Received By <i>D. Jacques</i> Date/Time <i>11-28-95</i>		WI = Wipe
Relinquished By <i>AGL</i> Date/Time <i>11-28-95</i>	Received By <i>D. Jacques</i> Date/Time <i>11-28-95</i>		L = Liquid
Relinquished By <i>AGL</i> Date/Time <i>11-28-95</i>	Received By <i>D. Jacques</i> Date/Time <i>11-28-95</i>		V = Vegetation
Relinquished By <i>AGL</i> Date/Time <i>11-28-95</i>	Received By <i>D. Jacques</i> Date/Time <i>11-28-95</i>		X = Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Bechtel Hanford, Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

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Data Turnaround

☐ Priority☒ Normal

Collector <u>R. F. Hilborn / A. Riezo</u>	Company Contact J. R. Freeman-Pollard	Telephone (509) 372-9347
Project Designation 200-ZP-1 Groundwater Vertical Profile Sampling	Sampling Location 200 West	SAF No. B96-043
Ice Chest No.	Field Logbook No. <u>ERL-1123</u>	Method of Shipment Hand Delivered
Shipped To Duane Jacques	Offsite Property No. NA	Bill of Lading/Air Bill No. NA

Possible Sample Hazards/Remarks	Preservation	HCl											
	Type of Container	aGs											
	No. of Container(s)	1											
Special Handling and/or Storage Maintain samples between 2°C and 6°C.	Volume	40mL											
SAMPLE ANALYSIS		*1											

Sample No.	Matrix*	Date Sampled	Time Sampled										
BOGYR6	W	11/24/95	13:23	Y									

CHAIN OF POSSESSION		Sign/Print Names		SPECIAL INSTRUCTIONS		Matrix*
Relinquished By	Date/Time	Received By	Date/Time	*1 VOA - (to include) - Carbon Tetrachloride, TCE, Chloroform Hold samples at 4701-C. Then deliver samples to Duane Jacques before the 14 day holding time.		S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other
<u>AG Riezo (ERL)</u>	<u>11/27/95</u>	<u>Riezo</u>	<u>11-27-95</u>			
<u>AG Riezo (ERL)</u>	<u>11-27-95</u>	<u>AG Riezo</u>	<u>11/27/95</u>			
<u>AG Riezo (ERL)</u>	<u>11/28/95</u>	<u>D. Jacques</u>	<u>11-28-95</u>			

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Bechtel Hanford, Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

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Data Turnaround

- ☐ Priority
☒ Normal

Collector <u>A. Rizzo</u> <u>B. Fehlers</u>	Company Contact J. R. Freeman-Pollard	Telephone (509) 372-9347
Project Designation 200-ZP-1 Groundwater Vertical Profile Sampling	Sampling Location 200 West	SAF No. B96-043
Ice Chest No.	Field Logbook No. <u>EFL-1123</u>	Method of Shipment Hand Delivered
Shipped To Duane Jacques	Offsite Property No. NA	Bill of Lading/Air Bill No. NA

Possible Sample Hazards/Remarks	Preservation	HCl											
	Type of Container	aGs											
	No. of Container(s)	1											
Special Handling and/or Storage Maintain samples between 2°C and 6°C.	Volume	40mL											

SAMPLE ANALYSIS

Sample No.	Matrix*	Date Sampled	Time Sampled										
BOGYR8	W	11/24/95	16:10	X									

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS *1 VOA - (to include) - Carbon Tetrachloride, TCE, Chloroform Hold samples at 4701-C. Then deliver samples to Duane Jacques before the 14 day holding time.	Matrix* S = Soil SE = Sediment SO = Solid SL = Sludge W = Water O = Oil A = Air DS = Drum Solids DL = Drum Liquids T = Tissue WI = Wipe L = Liquid V = Vegetation X = Other
Relinquished By <u>A. Rizzo</u>	Date/Time <u>11/27/95</u> <u>0800</u>	Received By <u>ERC</u>	Date/Time <u>0800</u>
Relinquished By <u>B. Fehlers</u>	Date/Time <u>11-27-95</u> <u>0800</u>	Received By <u>B. Fehlers</u>	Date/Time <u>11-27-95</u> <u>0800</u>
Relinquished By <u>ERC</u>	Date/Time <u>11/28/95</u> <u>0940</u>	Received By <u>D. Jacques</u>	Date/Time <u>11-28-95</u>

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Bechtel Hanford, Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

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Data Turnaround

☐ Priority☒ Normal

Collector <i>A. Rizzo / B. Fehlbeg</i>	Company Contact J. R. Freeman-Pollard	Telephone (509) 372-9347
Project Designation 200-ZP-1 Groundwater Vertical Profile Sampling	Sampling Location 200 West	SAF No. B96-043
Ice Chest No.	Field Logbook No. <i>EFL-1123</i>	Method of Shipment Hand Delivered
Shipped To Duane Jacques	Offsite Property No. NA	Bill of Lading/Air Bill No. NA

Possible Sample Hazards/Remarks	Preservation	HCI											
	Type of Container	aGs											
	No. of Container(s)	1											
Special Handling and/or Storage Maintain samples between 2°C and 6°C.	Volume	40mL											

SAMPLE ANALYSIS

Sample No.	Matrix*	Date Sampled	Time Sampled										
B0GYR9	W	<i>12/1/95</i>	<i>12:52</i>	<i>X</i>									

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS	Matrix*
Relinquished By <i>A. Rizzo</i> Date/Time <i>12-5-95 1430</i>	Received By <i>J. R. Freeman-Pollard</i> Date/Time <i>12-5-95</i>	*1 VOA - (to include) - Carbon Tetrachloride, TCE, Chloroform	S = Soil
Relinquished By <i>B. Fehlbeg</i> Date/Time <i>12-5-95 0755</i>	Received By <i>D. Jacques</i> Date/Time <i>0755</i>	Hold samples at 4701-C. Then deliver samples to Duane Jacques before the 14 day holding time.	SE = Sediment
Relinquished By <i>B. Whittan</i> Date/Time <i>12-5-95</i>	Received By <i>D. V. Jacques</i> Date/Time <i>12-5-95</i>		SO = Solid
			SL = Sludge
			W = Water
			O = Oil
			A = Air
			DS = Drum Solids
			DL = Drum Liquids
			T = Tissue
			WI = Wipe
			L = Liquid
			V = Vegetation
			X = Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Bechtel Hanford, Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

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Data Turnaround

☐ Priority☒ Normal

Collector <i>A. Rizzo / B. Fenley</i>	Company Contact J. R. Freeman-Pollard	Telephone (509) 372-9347
Project Designation 200-ZP-1 Groundwater Vertical Profile Sampling	Sampling Location 200 West	SAF No. B96-043
Ice Chest No.	Field Logbook No. <i>EFL-1123</i>	Method of Shipment Hand Delivered
Shipped To Duane Jacques	Offsite Property No. NA	Bill of Lading/Air Bill No. NA
Possible Sample Hazards/Remarks	Preservation	HCl
	Type of Container	aGs
	No. of Container(s)	1
Special Handling and/or Storage Maintain samples between 2°C and 6°C.	Volume	40mL
SAMPLE ANALYSIS		*1

Sample No.	Matrix*	Date Sampled	Time Sampled																
BOGYSO	W	12-1-95	1500	Y															

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS	Matrix*
Relinquished By <i>A. Rizzo</i> Date/Time <i>1430</i>	Received By <i>E. R. Freeman-Pollard</i> Date/Time <i>1430</i>	*1 VOA - (to include) - Carbon Tetrachloride, TCE, Chloroform	S = Soil
Relinquished By <i>E. R. Freeman-Pollard</i> Date/Time <i>12-4-95</i>	Received By <i>D. Jacques</i> Date/Time <i>0955</i>	Hold samples at 4701-C. Then deliver samples to Duane Jacques before the 14 day holding time.	SE = Sediment
Relinquished By <i>B. Fenley</i> Date/Time <i>12-5-95</i>	Received By <i>E. R. Freeman-Pollard</i> Date/Time <i>12-5-95</i>		SO = Solid
Relinquished By	Received By		SL = Sludge
			W = Water
			O = Oil
			A = Air
			DS = Drum Solids
			DL = Drum Liquids
			T = Tissue
			WI = Wipe
			L = Liquid
			V = Vegetation
			X = Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Bechtel Hanford, Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

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Data Turnaround

☐ Priority☒ Normal

Collector <i>A. Rizzo</i>	Company Contact J. R. Freeman-Pollard	Telephone (509) 372-9347
Project Designation 200-ZP-1 Groundwater Vertical Profile Sampling	Sampling Location 200 West	SAF No. B96-043
Ice Chest No.	Field Logbook No. <i>ERL-1123</i>	Method of Shipment Hand Delivered
Shipped To Duane Jacques	Offsite Property No. NA	Bill of Lading/Air Bill No. NA

Possible Sample Hazards/Remarks	Preservation	HCl											
	Type of Container	aGs											
	No. of Container(s)	1											
Special Handling and/or Storage Maintain samples between 2°C and 6°C.	Volume	40mL											
SAMPLE ANALYSIS		*1											

Sample No.	Matrix*	Date Sampled	Time Sampled										
BOGYS2	W	11-25-95	1250	X									

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS	Matrix*
Relinquished By <i>A. Rizzo</i> Date/Time <i>0800</i>	Received By <i>ER</i> Date/Time <i>0800</i>	*1 VOA - (to include) - Carbon Tetrachloride, TCE, Chloroform	S = Soil
Relinquished By <i>A. Rizzo (ERC)</i> Date/Time <i>11-27-95</i>	Received By <i>Bill Whitten B. Whitten</i> Date/Time <i>11-27-95</i>	Hold samples at 4701-C. Then deliver samples to Duane Jacques before the 14 day holding time.	SE = Sediment
Relinquished By <i>Bill Whitten B. Whitten</i> Date/Time <i>11-27-95</i>	Received By <i>ERL</i> Date/Time <i>11-27-95</i>		SO = Solid
Relinquished By <i>ERL</i> Date/Time <i>0800</i>	Received By <i>A. Rizzo</i> Date/Time <i>11-27-95</i>		SL = Sludge
Relinquished By <i>A. Rizzo</i> Date/Time <i>11-28-95</i>	Received By <i>Bill Whitten</i> Date/Time <i>0840</i>		W = Water
Relinquished By <i>Bill Whitten</i> Date/Time <i>11-28-95</i>	Received By <i>10 Jacques</i> Date/Time <i>11-28-95</i>		O = Oil
Relinquished By <i>Bill Whitten</i> Date/Time <i>11-28-95</i>	Received By <i>ERC</i> Date/Time <i>11-28-95</i>		A = Air
Relinquished By <i>ERC</i> Date/Time <i>0800</i>	Received By <i>ERC</i> Date/Time <i>0800</i>		DS = Drum Solids
Relinquished By <i>ERC</i> Date/Time <i>0800</i>	Received By <i>ERC</i> Date/Time <i>0800</i>		DL = Drum Liquids
Relinquished By <i>ERC</i> Date/Time <i>0800</i>	Received By <i>ERC</i> Date/Time <i>0800</i>		T = Tissue
Relinquished By <i>ERC</i> Date/Time <i>0800</i>	Received By <i>ERC</i> Date/Time <i>0800</i>		WI = Wipe
Relinquished By <i>ERC</i> Date/Time <i>0800</i>	Received By <i>ERC</i> Date/Time <i>0800</i>		L = Liquid
Relinquished By <i>ERC</i> Date/Time <i>0800</i>	Received By <i>ERC</i> Date/Time <i>0800</i>		V = Vegetation
Relinquished By <i>ERC</i> Date/Time <i>0800</i>	Received By <i>ERC</i> Date/Time <i>0800</i>		X = Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

3

0600 0671

Bechtel Hanford, Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

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Data Turnaround

☐ Priority☒ Normal

Collector <i>A. Rizzo</i>	Company Contact J. R. Freeman-Pollard	Telephone (509) 372-9347
Project Designation 200-ZP-1 Groundwater Vertical Profile Sampling	Sampling Location 200 West	SAF No. B96-043
Ice Chest No.	Field Logbook No. <i>E.F.L. 1123</i>	Method of Shipment Hand Delivered
Shipped To Duane Jacques	Offsite Property No. NA	Bill of Lading/Air Bill No. NA

Possible Sample Hazards/Remarks	Preservation	HCl											
	Type of Container	aGs											
	No. of Container(s)	1											
Special Handling and/or Storage Maintain samples between 2°C and 6°C.	Volume	40mL											
SAMPLE ANALYSIS		*1											

Sample No.	Matrix*	Date Sampled	Time Sampled										
B0GYS3	W	11/25/95	1430	X									

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS	Matrix*
Relinquished By <i>A. Rizzo</i> Date/Time 0800	Received By <i>ERC</i> Date/Time 0800	*1 VOA - (to include) - Carbon Tetrachloride, TCE, Chloroform	S = Soil
Relinquished By <i>A. Rizzo</i> Date/Time 11/27/95	Received By <i>Bechtel</i> Date/Time 11-27-95	Hold samples at 4701-C. Then deliver samples to Duane Jacques before the 14 day holding time.	SE = Sediment
Relinquished By <i>ERC</i> Date/Time 0800	Received By <i>ERC</i> Date/Time 11/27/95		SO = Solid
Relinquished By <i>Bechtel</i> Date/Time 11-27-95	Received By <i>Bechtel</i> Date/Time 11-27-95		SL = Sludge
Relinquished By <i>ERC</i> Date/Time 11/28/95	Received By <i>ERC</i> Date/Time 11-28-95		W = Water
Relinquished By <i>Bechtel</i> Date/Time 11/28/95	Received By <i>Bechtel</i> Date/Time 11-28-95		O = Oil
Relinquished By <i>ERC</i> Date/Time 0940	Received By <i>ERC</i> Date/Time 0940		A = Air
Relinquished By <i>Bechtel</i> Date/Time 11/28/95	Received By <i>Bechtel</i> Date/Time 11-28-95		DS = Drum Solids
Relinquished By <i>ERC</i> Date/Time 0940	Received By <i>ERC</i> Date/Time 0940		DL = Drum Liquids
Relinquished By <i>Bechtel</i> Date/Time 11/28/95	Received By <i>Bechtel</i> Date/Time 11-28-95		T = Tissue
Relinquished By <i>ERC</i> Date/Time 0940	Received By <i>ERC</i> Date/Time 0940		WI = Wipe
Relinquished By <i>Bechtel</i> Date/Time 11/28/95	Received By <i>Bechtel</i> Date/Time 11-28-95		L = Liquid
Relinquished By <i>ERC</i> Date/Time 0940	Received By <i>ERC</i> Date/Time 0940		V = Vegetation
Relinquished By <i>Bechtel</i> Date/Time 11/28/95	Received By <i>Bechtel</i> Date/Time 11-28-95		X = Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

Bechtel Hanford, Inc.

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

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Data Turnaround

☐ Priority
☒ Normal

Collector <i>A. Rizzo</i>	Company Contact J. R. Freeman-Pollard	Telephone (509) 372-9347
Project Designation 200-ZP-1 Groundwater Vertical Profile Sampling	Sampling Location 200 West	SAF No. B96-043
Ice Chest No.	Field Logbook No. <i>EFL-1123</i>	Method of Shipment Hand Delivered
Shipped To Duane Jacques	Offsite Property No. NA	Bill of Lading/Air Bill No. NA

Possible Sample Hazards/Remarks	Preservation	HCI											
	Type of Container	aGs											
	No. of Container(s)	1											
Special Handling and/or Storage Maintain samples between 2°C and 6°C.	Volume	40mL											

SAMPLE ANALYSIS

Sample No.	Matrix*	Date Sampled	Time Sampled										
B0GYS4	W	11-25-95	1610	Y									

CHAIN OF POSSESSION	Sign/Print Names	SPECIAL INSTRUCTIONS	Matrix*
Relinquished By <i>A. Rizzo</i> Date/Time <i>11/27/95</i> <i>CPUS</i>	Received By <i>ERL</i> Date/Time <i>0800</i>	*1 VOA - (to include) - Carbon Tetrachloride, TCE, Chloroform	S = Soil
Relinquished By <i>GR</i> Date/Time <i>0800</i>	Received By <i>ERL</i> Date/Time <i>11-27-95</i>	Hold samples at 4701-C. Then deliver samples to Duane Jacques before the 14 day holding time.	SE = Sediment
Relinquished By <i>ERL</i> Date/Time <i>0940</i>	Received By <i>ERL</i> Date/Time <i>11/27/95</i> <i>CPUS</i>		SO = Solid
Relinquished By <i>ERL</i> Date/Time <i>11/28/95</i>	Received By <i>ID Jacques</i> Date/Time <i>11-28-95</i>		SL = Sludge
			W = Water
			O = Oil
			A = Air
			DS = Drum Solids
			DL = Drum Liquids
			T = Tissue
			WI = Wipe
			L = Liquid
			V = Vegetation
			X = Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time